



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS		COUNTY: Onslow PERMIT NO.: SWCD67-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	<input checked="" type="checkbox"/>	SDTF		

Date of Site Inspection: 5 September 2012 **Date of Last Inspection:** 2 March 2012

FACILITY NAME AND ADDRESS:

Szymanic Vermicompost (Stone Creek Castings)
 172 Stone Creek Road
 Holly Ridge, NC 28445

GPS COORDINATES: N: N34.58488 E: W 77.46987

FACILITY CONTACT NAME AND PHONE NUMBER:

Leonard M Szymanic
 910.358.1806

FACILITY CONTACT ADDRESS:

Stone Creek Castings
 172 Stone Creek Road
 Holly Ridge, NC 28445
Attn: Leonard M Szymanic
 E-mail: pondorolms@hotmail.com

PARTICIPANTS:

Ray Williams; DENR-Solid Waste

STATUS OF PERMIT:

Active; Vermicompost Demonstration Approval extension issued with an expiration date of 19 April 2013; an extension request with justification is due by 19 January 2013 if necessary.

PURPOSE OF SITE VISIT:

Comprehensive Facility Inspection

STATUS OF PAST NOTED VIOLATIONS:

None applicable

OBSERVED VIOLATIONS:

None

ADDITIONAL COMMENTS:

- 1) This facility is a Vermicomposting Demonstration Project consisting of reactor-type bins.
- 2) This facility should be operated in such a way as to prevent any threat to the public health or environment.
- 3) Composting at this site shall be limited to the materials listed as ingredients in the application:
 - a. Yard Waste
 - b. Wood Shavings
 - c. Cardboard and shredded paper
 - d. Horse and/or cattle manure
 - e. Vegetable waste
- 4) No unpermitted wastes were noted during this Facility Compliance Inspection.
- 5) Minimal leachate is being generated by the compost process at this time.
- 6) To prevent impacts to groundwater or surface waters, all leachate generated by the composting process is collected and recycled either within the vermicompost bin system or into a hydroponic watering system.
- 7) Operation of this facility and all composting activities should be maintained in accordance with 15A NCAC 13B Section .1406 of the State Solid Waste Management Rules.
- 8) Compost generated at this facility has been tested in accordance with 15A NCAC 13B Section .1407 of the State Solid

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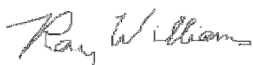
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Waste Management Rules and has been approved by the Solid Waste Section for distribution to the public.

- 9) This facility operates a multi-bin vermicompost system; this multi-bin system has increased the volume of material processed and the efficiency of the vermicomposting process.
- 10) The bedding depth in the vermicompost bins is being maintained at ~12"-14" and the ingredients are layered and processed in accordance with Solid Waste Section recommendations. The composting process appears to be taking place efficiently.
- 11) The Conditions for Compliance in the Solid Waste Compost Demonstration Permit #SWCD67-01 were reviewed during this Facility Compliance Site Inspection; all conditions are being maintained as per the demonstration permit.
- 12) Compost product was reviewed during this Facility Compliance Inspection.
- 13) No violations were noted during this Facility Compliance Inspection.

Please contact me if you have any questions or concerns regarding this Facility Compliance Inspection Report.



Ray Williams; Environmental Senior Specialist Phone: 252.948.3955 E-mail: ray.williams@ncdenr.gov

Regional Representative

Delivered on : <u>7 September 2012</u> by	<input checked="" type="checkbox"/>	Electronic delivery	<input type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. <u> </u>
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cc: Dennis E Shackelford; Eastern District Supervisor/SWS: dennis.shackelford@ncdenr.gov
Martin A Gallagher; Composting and Land Applications Branch Head/SWS: tony.gallagher@ncdenr.gov
Jessica Montie; Chief Compliance Officer/SWS: Jessica.montie@ncdenr.gov

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